

SECTION 1. IDENTIFICATION

Product Name	4750 Lava Flow® Epoxy A-Component
Product Use Description	Architecture Coating
Manufacturer Name	Versatile Building Products
Address	245 Carl Karcher Way Anaheim, CA 92801
Website	www.versatile.net
Telephone	800-535-3325 714-829-2600 (Health and Safety 8 a.m – 5 p.m PST)
Emergency Telephone Number - INFOTRAC	800-535-5053 (North America) 352-323-3500 (International)

SECTION 2. HAZARDS IDENTIFICATION

GHS Classification

Skin Corrosion/Irritation	Category 2
Serious Eye Damage/Eye Irritation	Category 2
Skin Sensitizer	Category 1B

GHS Pictogram



Signal Word	Warning
Appearance	Viscous Liquid
Physical State	Liquid
Odor	Characteristic
Hazard Statements	Causes skin irritation May cause an allergic skin reaction Causes serious eye damage

Precautionary Statement(s) -

Prevention	Do not handle until all safety precautions have been read and understood. Keep container tightly closed. Do not breathe dust/ fume/ gas/ mist/ vapors/ spray. Wash skin thoroughly after handling. Do not eat, drink or smoke when using this product. Contaminated work clothing should not be allowed out of the workplace. Avoid release to the environment. Wear protective gloves/ protective clothing/ eye protection/ face protection.
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Response	IF SWALLOWED: rinse mouth. Do NOT induce vomiting. IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower. IF INHALED: Remove victim to fresh air and keep comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a POISON CENTER or doctor/ physician if you feel unwell. Take off contaminated clothing and wash before reuse. If skin irritation or rash occurs: Get medical advice/ attention. If eye irritation persists: Get medical advice/ attention. In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction.
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Storage	Store in a well-ventilated place. Keep container tightly closed. Keep cool Store locked up.
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Disposal	Dispose of contents/ container to an approved waste disposal plant.
Hazards not otherwise classified	None

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS Number	% by Weight
1. Bisphenol A Epoxy Resin	25068-38-6	70-90%
2. Ethyl hexyl glycidyl ether, 2-	2461-15-6	10-20%

Note: This product may contain additional ingredients that are classified as non-hazards or at a very small concentration that do not meet the regulatory concentration limits for disclosure.

SECTION 4. FIRST-AID MEASURES

General Advice	Move out of dangerous area. Consult a physician with this SDS.
Eye Contact	Immediately flush eyes with plenty of water for at least 20 minutes. Check and remove any contact lenses. Continue rinsing. Get medical attention if irritation persists.
Skin Contact	Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water for at 20 minutes. Get medical attention if irritation develops or persists.
Inhalation	Move to fresh air and keep at rest in a position comfortable for breathing. If not breathing or breathing is irregular, provide artificial respiration or give oxygen by trained personnel. Get medical attention immediately.
Ingestion	Never give anything by mouth to an unconscious person. DO NOT induce vomiting. Rinse mouth with water. Get medical attention immediately.

Most Important Symptoms/Effect, Acute and Delayed – Section 11

Immediate Medical Attention and Special Treatment

Note to Physicians: Application of corticosteroid cream has been effective in treating skin irritation.

SECTION 5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media	Use alcohol-resistant foam, dry chemical, or carbon dioxide. Tailor extinguishing media to surrounding fire.
Specific Hazards Arising from the Substances of Mixture	Carbon oxides, hydrogen chloride gas, hydrogen fluoride, tin/tin oxides
Special Protective Equipment for Firefighters	Use personal protective equipment. Wear self-contained breathing apparatus for firefighting if necessary
Further Information	Use water spray to cool unopened containers

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Producers	Wear suitable protective clothing, gloves, and eye/face protection. Avoid breathing vapors/mist/gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas. For personal protection see section 8.
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Environmental Precautions	Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.
Methods and Materials for Containment and Cleaning-up	Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.
Additional Advice	For disposal see section 13.

SECTION 7. HANDLING AND STORAGE

Precautions for Safe Handling	Avoid contact with skin and eyes. Avoid inhalation of vapor or mist. Put on appropriate personal protective equipment before handling. Keep away from sources of ignition - No smoking. Take measures to prevent the buildup of electrostatic charge.
Conditions for Safe Storage	Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.
Hygiene Practice	Eating, drinking and smoking should be prohibited in areas where this material is handled. Wash hands thoroughly after handling.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineer Controls	Use process enclosures, local exhaust ventilation, or other engineering controls to keep worker exposure to airborne contaminants below recommended exposure limits. Wear appropriate personal protective equipment where such systems are not effective to perform satisfactorily and meets OSHA or other recognized standards.
Personal Protection Equipment - Eye/Face Protection	Tightly fitted safety goggles. Face shield (8-inch minimum). Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).
Skin Protection	Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands after handling or before eating, drinking, or smoking.
Body Protection	Impervious clothing. Closed-toe shoe. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.
Respiratory Protection	Where exposures are below the established limit, no respiratory protection is required. Where exposures exceed the established limit, use respiratory protection recommended for the material and level of exposure. A full face piece respirator also provides eye and face protection. Cutting, grinding or sanding of parts fabricated after curing may create respirable dust particles. Respiratory protection appropriate for this dust may be required. Refer to components listed above for potential hazardous components in the dust. Recommended respirators include those certified by NIOSH.
Environmental Exposure Controls	Prevent further leakage or spillage if safe to do so.

Do not allow product enter into sewers or waterways.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Opaque, viscous liquid
Color	Light Yellow
Odor	Characteristic
Odor Threshold	No data available
pH	No data available
Melting Point / Freezing Point	No data available
Boiling Point/Range	>500°F (260°C)
Flash Point	485.6°F (252°C) PMCC
Evaporation Rate	No data available
Flammability (solid/gas)	No data available
Upper/lower Flammability Limit	None
Vapor Pressure	No data available
Vapor Density	Heavier than air
Relative Density	1.114 g/cm ³ at 77°F (25°C)
Water Solubility	No data available
Partition Coefficient: n-octanol/water	No data available
Auto-Ignition Temperature	No data available
Decomposition Temperature	No data available
Viscosity	2000-3000 cps at 77°F (25°C)
Explosive Properties	No data available
Oxidizing Properties	No data available

SECTION 10. STABILITY AND REACTIVITY

Control Parameters	No data available
Chemical Stability	Stable under recommended storage conditions
Possibility of Hazardous Reaction	No data available
Conditions to Avoid	Avoid high temperatures
Incompatible Materials	Strong bases, strong oxidizing agents
Hazardous Decomposition Products	Under fire conditions (Section 5): carbon oxides, tin/tin oxides Other decomposition products – not available

SECTION 11. TOXICOLOGICAL INFORMATION

Information on the Likely Routes of Exposure

Eye Contact	Avoid contact with eyes
Skin Contact	Harmful if absorbed through skin
Inhalation	Harmful if inhaled
Ingestion	Toxic if swallowed

Potential Acute Health Effects

Acute Toxicity -

Ingestion	Acute LD50/Rat/>5000 mg/kg
Skin Contact	Acute LD50/Rabbit/>20000mg/kg
Acute Irritation -	
Eye Contact	Irritating
Skin Contact	Irritating
Allergic Sensitization -	
Skin Contact	Sensitizing
Inhalation	No data available
Symptoms Related to Physical, Chemical, and Toxicological Effects	
Eye Contact	Causes eye irritation, vision disorder, blindness
Skin Contact	Causes skin irritation
Inhalation	Dullness, dizzy, breathing difficulties, coughing
Ingestion	Stomach ache, nausea, vomiting
Chronic Toxicity / Effects from Long Term Exposure	
Sensitization	Skin sensitizer
Germ Cell Mutagenicity	No data available
Carcinogenicity	Carcinogenic potential is unknown
Reproductive Toxicity	This product does not contain known or suspected reproductive hazards.
Specific Target Organ Systemic Toxicity (Single Exposure)	No data available
Specific Target Organ Systemic Toxicity (Repeated Exposure)	No data available
Products Numerical Measures of Toxicity –	
Not determined	
Additional Information –	
To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.	

SECTION 12. ECOLOGICAL INFORMATION

Aquatic Life	No data available
Persistence and Degradability	This material is not readily biodegradable
Bio accumulative Potential	This material is not classified as dangerous for the environment
Mobility in Soil	No data available
Results of PBT and vPvB Assessment	No data available as chemical safety assessment not required/not conducted
Other Adverse Effects	An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

SECTION 13. DISPOSAL CONSIDERATIONS

Waste/Unused Products	Burn in a chemical incinerator equipped with an afterburner and scrubber but exert extra care in igniting as this material is highly flammable. This product should not be allowed to enter drains, water courses or the soil Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material.
Contaminated Packaging	Dispose of as unused product.

SECTION 14. TRANSPORT INFORMATION

DOT (US)	Not applicable / Not regulated
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IMO/IMDG	Not applicable / Not regulated
ICAO/IATA	Not applicable / Not regulated

SECTION 15. REGULATORY INFORMATION

UNITED STATES

TSCA 8 (b) Inventory Status	All Components are listed or exempt from listing on the TSCAI	
TSCA 12 (b) Export Notification	None above reporting de minimus	
SARA 302 Components	No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.	
SARA 313 Components	This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.	
SARA 311/312 Hazards	Acute health hazard	Yes
	Chronic health hazard	No
	Fire hazard	No
	Sudden release of pressure hazard	No
	Reactive hazard	No
California Prop. 65 Components	WARNING: This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.	

CANADA

CEPA DSL/NDSL Status	All components are listed or exempt from listing on the Domestic Substances List.
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SECTION 16. OTHER INFORMATION

Creation Date 12/26/2019

Revision Date

Version 1

HMIS Rating

Health Hazard 2

Flammability 1

Physical Hazard 0

NFPA Rating

Health Hazard 2

Fire Hazard 1

Reactivity Hazard 0

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